## PLANTS

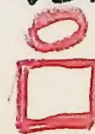| ORDERS | A | B | C | D | E |
|---|---|---|---|---|---|
| 1 | 1.03 720 |  | 1.65 1150 |  | 1.00 700 |
| 2 | 1.00 1000 |  | 1.10 1100 |  |  |
| 3 |  | 1.70 850 |  |  | 1.00 500 |
| 4 | 1.00 650 | 1.85 1200 |  | 1.88 1220 | 1.08 700 |
| 5 | 1.00 500 | 2.00 1000 | 3.20 1600 |  |  |
| 6 |  |  | 1.07 800 | 1.73 1300 | 1.00 750 |
| 7 | 2.40 1200 | 1.00 500 |  | 2.20 1100 |  |
| 8 | 1.00 150 |  |  | 2.67 400 | 1.34 200 |
| MAN HOUR CAPACITY | 1200 | 2000 | 2500 | 3000 | 1000 |

RULES
1. INITIALLY ASSIGN ORDERS TO BEST PLANT.

2. MOVE ORDERS FROM OVERLOADED PLANTS TO PLANTS WITH THE SMALLEST INDEX NUMBER, AS LONG AS THAT MOVE WILL NOT RESULT IN AN OVERLOAD.

3. CONTINUE MOVING ORDERS UNTIL NO OVERLOAD EXISTS

# PLANTS

| ORDERS | A | B | C | D | E |
|---|---|---|---|---|---|
| 1 | 1.03 / 720 | | 1.65 / 1150 | | 1.00 / 700 |
| 2 | 1.00 / 1000 | | 1.10 / 1100 | | |
| 3 | | 1.70 / 850 | | | 1.00 / 500 |
| 4 | 1.00 / 650 | 1.85 / 1200 | | 1.88 / 1220 | 1.08 / 700 |
| 5 | 1.00 / 500 | 2.00 / 1000 | 3.20 / 1600 | | |
| 6 | | | 1.07 / 800 | 1.73 / 1300 | 1.00 / 750 |
| 7 | 240 / 1200 | 100 / 500 | | 220 / 1100 | |
| 8 | 1.00 / 150 | | | 267 / 400 | 1.34 / 200 |
| MAN HOUR CAPACITY | 1200 | 2000 | 2500 | 3000 | 1000 |
| INITIAL | 2300 | 500 | 0 | 0 | 1950 |
| | 1150 | 1350 | 1900 | | 900 |
| | 1150 | 1950 | 800 | 2320 | 700 |

5300

A to C
E to B
E to C
A to E

$16^{20}_{3}$
$4860

3900
2320
700
6020
5300
520

# PLANTS

| ORDERS | A | B | C | D | E |
|---|---|---|---|---|---|
| 1 | 1.03 / 720 | | 1.65 / 1150 | | 1.00 / 700 |
| 2 | 1.00 / 1000 →② | | 1.10 / 1100 | | |
| 3 | | 1.70 / 850 ← | ③ | | 1.00 / 500 |
| 4 | 1.00 / 650 | 1.85 / 1200 | | 1.88 / 1220 | 1.08 / 700 |
| 5 | 1.00 / 500 | 2.00 / 1000 | 3.20 / 1600 | | |
| 6 | | | 1.07 / 800 | 1.73 / 1300 ① | 1.00 / 750 |
| 7 | 2.40 / 1200 | 1.00 / 500 | | 2.20 / 1100 | |
| 8 | 1.00 / 150 | | | 2.67 / 400 | 1.34 / 200 |
| CAPACITY | 1200 | 2000 | 2500 | 3000 | 1000.0 |
| INITIAL | 2300 | 500 | 0 | 0 | 1950 |
| MOVE 1 | | | 800 | | 1200 |
| MOVE 2 | 1300 | | 1900 | | |
| MOVE 3 | | 1350 | | | 700 |

MAN HOUR

## PLANTS

|  | A | B | C | D | E |
|---|---|---|---|---|---|
| **1** | 1.03 720 | | 1.65 1150 | | 1.00 700 |
| **2** | 1.00 1000 | ②→ | 1.10 1100 | | |
| **3** | | 1.70 850 | | ③ | 1.00 500 |
| **4** | 1.00 650 | 1.85 1200 | | 1.88 1220 | 1.08 700 |
| **5** | 1.00 500 | 2.00 1000 | 320 1600 | | |
| **6** | | | 1.07 800 | 1.73 1300 | 1.00 750 |
| **7** | 2.40 1200 | 1.00 500 | | 2.20 1100 | |
| **8** | 1.00 150 | | ④ | 2.67 400 | 1.34 200 |

ORDERS (left margin)

MAN HOUR (left margin)

| | | A | B | C | D | E |
|---|---|---|---|---|---|---|
| CAPACITY | | 1200 | 2000 | 2500 | 3000 | 1000 |
| INITIAL | | 2300 | 500 | 0 | 0 | 1950 |
| M | 1 | | | 800 | | 1200 |
| O | 2 | 1300 | | 1900 | | |
| V | 3 | | 1350 | | | 700 |
| E | 4 | 1150 | | | | 900 |
| TOTAL | | 1150 | 1350 | 1900 | 0 | 900 |

= 5300 MAN HOURS.

RULES

1. INITIALLY ASSIGN ORDERS TO BEST PLANT.

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3. CONTINUE MOVING ORDERS UNTIL NO OVERLOAD EXISTS

## PLANTS

| ORDERS | A | B | C | D | E |
|---|---|---|---|---|---|
| 1 | 1.03 / 720 | | 1.65 / 1150 | | 1.00 / 700 |
| 2 | 1.00 / 1000 | | 1.10 / 1100 | | |
| 3 | | 1.70 / 850 | | | 1.00 / 500 |
| 4 | 1.00 / 650 | 1.85 / 1200 | | 1.98 / 1220 | 1.08 / 700 |
| 5 | 1.00 / 500 | 2.00 / 1000 | 3.20 / 1600 | | |
| 6 | | | 1.07 / 800 | 1.73 / 1300 | 1.00 / 750 |
| 7 | 2.40 / 1200 | 1.00 / 500 | | 2.20 / 1100 | |
| 8 | 1.00 / 150 | | | 2.67 / 400 | 1.34 / 200 |
| MAN HOUR CAPACITY | 1200 | 2000 | 2500 | 3000 | 1000 |

RULES

1. INITALLY ASSIGN ORDERS TO BEST PLANT.

2. MOVE ORDERS FROM OVERLOADED PLANTS TO PLANTS WITH THE SMALLEST INDEX NUMBER, AS LONG AS THAT MOVE WILL NOT RESULT IN AN OVERLOAD.

3. CONTINUE MOVING ORDERS UNTIL NO OVERLOAD EXISTS

# PLANTS

| ORDERS | A | B | C | D | E |
|---|---|---|---|---|---|
| 1 | ~~700~~ | | | | 700 |
| 2 | | | ~~1100~~ 1100 | | |
| 3 | | 850 | | | ~~800~~ |
| 4 | 650 | | | ~~1270~~ | |
| 5 | 500 | ~~1000~~ | | | |
| 6 | | | ~~800~~ 800 | | |
| 7 | | ~~500~~ 500 | | | |
| 8 | ~~1300~~ | | | | 200 |
| MAN HOUR CAPACITY | 1150 1200 | 1350 2000 | 1900 2500 | 3000 | 900 1000 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

700
1100
500
1200
1000
800
500
200
5990

5300

1150
1350
1900
900
5300

# PLANTS

| ORDERS | A | B | C | D | E |
|---|---|---|---|---|---|
| 1 | 720 | | 1150 | | 700 |
| 2 | 1000 | | 1100 | | |
| 3 | | 850 | | | 500 |
| 4 | 650 | 1200 | | 1220 | 700 |
| 5 | 500 | 1000 | 1600 | | |
| 6 | | | 800 | 1300 | 750 |
| 7 | 1200 | 500 | | 1100 | |
| 8 | 150 | | | 400 | 200 |
| MAN HOUR CAPACITY | 1200 | 2000 | 2500 | 3000 | 1000 |

700
1000
500
650
500
750
500
150
―――
4750